

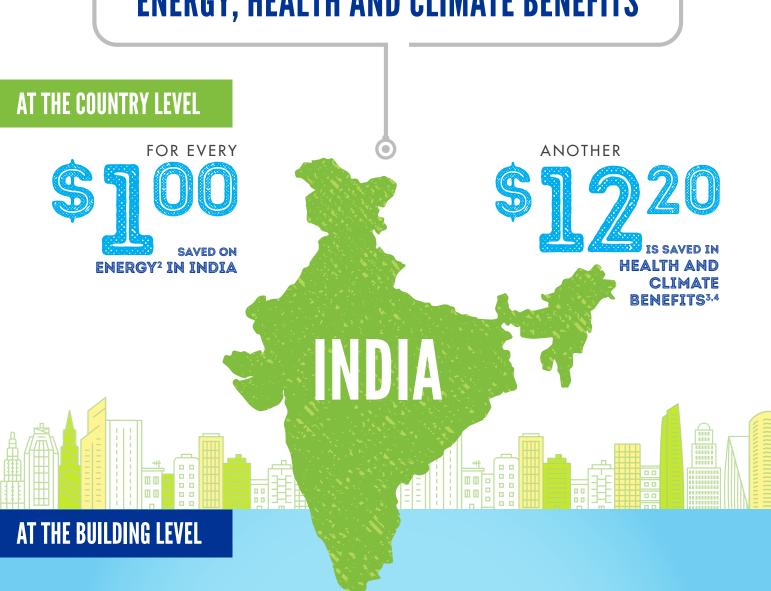


HEALTH CO-BENEFITS OF **GREEN BUILDINGS** 

### HOW DO WE IMPROVE HEALTH, REDUCE ENVIRONMENTAL **IMPACTS AND LOWER OPERATING COSTS?**

New research from the Harvard T.H. Chan School of Public Health says green-certified buildings are the answer.

## **GREEN-CERTIFIED BUILDINGS**<sup>1</sup>: **ENERGY, HEALTH AND CLIMATE BENEFITS**



**ENERGY** SAVINGS

**BUILDINGS SAVE \$2.40** PER SQUARE METER

**GREEN-CERTIFIED** 







**COST SAVINGS** 

AND \$31.30 PER SQUARE

METER IS GAINED IN HEALTH AND CLIMATE COST SAVINGS

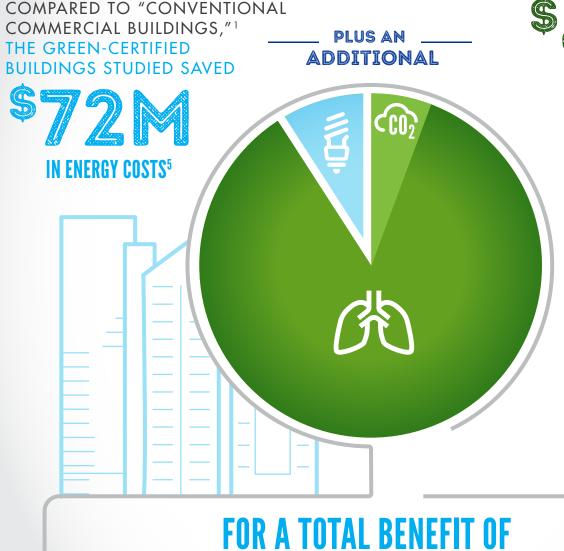


SAVINGS

OF \$33.70 OF SAVINGS PER SQUARE METER

FOR A TOTAL BENEFIT

# THE IMPACT: INDIA



IN COMBINED **HEALTH AND** 

**CLIMATE BENEFITS:** 

FROM AVERTING

CLIMATE CHANGE<sup>3</sup>

**NEGATIVE IMPACTS OF** 

POLLUTION RESULTING IN FEWER DEATHS, HOSPITAL VISITS, LOST DAYS OF WORK AND SCHOOL, AND MORE4

FROM REDUCTIONS IN AIR

AVED FROM 2000-20166

#THEHEALTHFXSTUDY

To learn more about the health co-benefits of green-certified buildings, visit: THEHEALTHFXSTUDY.COM

## 1 2016 USD, LEED® buildings 2000-2016.

- 2 All the obtained cost-saving dollar values were converted into 2016 USD, adjusted by the annual Consumer Price Index (CPI) of U.S. city average. BLS, CPI Databases. 2017, Bureau of Labor Statistics. 3 Includes carbon dioxide, methane and nitrous oxide and their associated climate damages. These are economic benefits associated with avoiding the negative
- 4 Includes public health impacts from exposure to ozone and PM<sub>2.5</sub>, including deaths, hospitalizations and asthma attacks avoided. 5 Energy cost savings were calculated based on the prices for each energy type.

consequences of climate change – such as the spread of disease and coastal damage.

6 The study analyzed LEED-certified buildings in the United States, Brazil, Mainland China, Germany, India and Turkey. This accounts for 82% of LEED buildings, and 30% of all green-certified buildings.

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